

| Count | Publication Title  | Authors   | Journal (Pub date)                     | Volume/Page   | PubMed Link       |
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| 1     | Transcriptional regulation of protein complexes within and across species.                               | Tan, Kai, Shlomi, Tomer, Feizi, Hoda, Ideker, Trey, Sharan, Roded   | Proc Natl Acad Sci U S A (2007 Jan 23) | 104 / 1283-8  | PubMed Citation ↗ |
| 2     | Integrating physical and genetic maps: from genomes to interaction networks.                             | Beyer, Andreas, Bandyopadhyay, Sourav, Ideker, Trey   | Nat Rev Genet (2007 Sep)               | 8 / 699-710   | PubMed Citation ↗ |
| 3     | A direct comparison of protein interaction confidence assignment schemes.                                | Suthram, Silpa, Shlomi, Tomer, Ruppin, Eytan, Sharan, Roded, Ideker, Trey   | BMC Bioinformatics (2006)              | 7 / 360       | PubMed Citation ↗ |
| 4     | Network-based classification of breast cancer metastasis.  | Chuang, Han-Yu, Lee, Eunjung, Liu, Yu-Tseng, Lee, Doheon, Ideker, Trey  | Mol Syst Biol (2007)                   | 3 / 140       | PubMed Citation ↗ |
| 5     | Functional maps of protein complexes from quantitative genetic interaction data.                         | Bandyopadhyay, Sourav, Kelley, Ryan, Krogan, Nevan J, Ideker, Trey  | PLoS Comput Biol (2008 Apr)            | 4 / e1000065  | PubMed Citation ↗ |
| 6     | A systems approach to delineate functions of paralogous transcription factors: role of the Yap family... | Tan, Kai, Feizi, Hoda, Luo, Colin, Fan, Stephanie H, Ravasi, Timothy, Ideker, Trey G  | Proc Natl Acad Sci U S A (2008 Feb 26) | 105 / 2934-9  | PubMed Citation ↗ |
| 7     | Time course investigation of PPARalpha- and Kupffer cell-dependent effects of WY-14,643 in mouse liver.  | Woods, Courtney G, Kosyk, Oksana, Bradford, Blair U, Ross, Pamela K, Burns, Amanda M, Cunningham, Michael L, Qu, Pingping, Ibrahim, Joseph G, Rusyn, Ivan | Toxicol Appl Pharmacol (2007 Dec 15)   | 225 / 267-77  | PubMed Citation ↗ |
| 8     | Forging new ties between <i>E. coli</i> genes.   | Ideker, Trey  | Cell (2008 Jun 27)                     | 133 / 1135-7  | PubMed Citation ↗ |
| 9     | Protective effect of Juzen-taiho-to on hepatocarcinogenesis is mediated through the inhibition of Ku...  | Tsuchiya, Masato, Kono, Hiroshi, Matsuda, Masanori, Fujii, Hideki, Rusyn, Ivan  | Int J Cancer (2008 Dec 1)              | 123 / 2503-11 | PubMed Citation ↗ |

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| 10 | Metabolomic profiling of a modified alcohol liquid diet model for liver injury in the mouse uncovers...    | Bradford, Blair U, O'Connell, Thomas M, Han, Jun, Kosyk, Oksana, Shymonyak, Svitlana, Ross, Pamela K, Winnike, Jason, Kono, Hiroshi, Rusyn, Ivan | Toxicol Appl Pharmacol (2008 Oct 15)      | 232 / 236-43  | PubMed Citation ↗ |
| 11 | Inferring pathway activity toward precise disease classification.  | Lee, Eunjung, Chuang, Han-Yu, Kim, Jong-Won, Ideker, Trey, Lee, Doheon   | PLoS Comput Biol (2008 Nov)               | 4 / e1000217  | PubMed Citation ↗ |
| 12 | Systems biology and functional genomics approaches for the identification of cellular responses to d...    | Harrill, Alison Hege, Rusyn, Ivan  | Expert Opin Drug Metab Toxicol (2008 Nov) | 4 / 1379-89   | PubMed Citation ↗ |
| 13 | Time-course comparison of xenobiotic activators of CAR and PPARalpha in mouse liver.                       | Ross, Pamela K, Woods, Courtney G, Bradford, Blair U, Kosyk, Oksana, Gatti, Daniel M, Cunningham, Michael L, Rusyn, Ivan                         | Toxicol Appl Pharmacol (2009 Mar 1)       | 235 / 199-207 | PubMed Citation ↗ |
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| 16 | Perspectives on the DNA damage and replication checkpoint responses in <i>Saccharomyces cerevisiae</i> .   | Putnam, Christopher D, Jaehnig, Eric J, Kolodner, Richard D  | DNA Repair (Amst) (2009 Sep 2)            | 8 / 974-82    | PubMed Citation ↗ |
| 17 | Hepatic epigenetic phenotype predetermines individual susceptibility to hepatic steatosis in mice fe...    | Pogribny, Igor P, Tryndyak, Volodymyr P, Bagnyukova, Tetyana V, Melnyk, Stepan, Montgomery, Beverly, Ross, Sharon A, Latendresse, John R,        | J Hepatol (2009 Jul)                      | 51 / 176-86   | PubMed Citation ↗ |

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| 20 | Liver tissue engineering in the evaluation of drug safety.                              | Dash, Ajit, Inman, Walker, Hoffmaster, Keith, Sevidal, Samantha, Kelly, Joan, Obach, R Scott, Griffith, Linda G, Tannenbaum, Steven R                | Expert Opin Drug Metab Toxicol (2009 Oct) 5 / 1159-74 | PubMed Citation ↗ |
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| 23 | Protein networks in disease.  | Ideker, Trey, Sharan, Roded  | Genome Res (2008 Apr) 18 / 644-52                     | PubMed Citation ↗ |
| 24 | Perfused multiwell plate for 3D liver tissue engineering.                               | Domansky, Karel, Inman, Walker, Serdy, James, Dash, Ajit, Lim, Matthew H M, Griffith, Linda G  | Lab Chip (2010 Jan 7) 10 / 51-8                       | PubMed Citation ↗ |
| 25 | Bayesian network analysis of targeting interactions in chromatin.                       | van Steensel, Bas, Braunschweig, Ulrich, Filion, Guillaume J, Chen, Menzies, van Bemmel, Joke G, Ideker, Trey  | Genome Res (2010 Feb) 20 / 190-200                    | PubMed Citation ↗ |

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| 26 | Integrated assessment and prediction of transcription factor binding.                                   | Beyer, Andreas, Workman, Christopher, Hollunder, Jens, Radke, Dorte, Moller, Ulrich, Wilhelm, Thomas, Ideker, Trey   | PLoS Comput Biol 2 / e70<br>(2006 Jun 16)     |              | PubMed<br>Citation ↗ |
| 27 | Synergistic effects of tethered growth factors and adhesion ligands on DNA synthesis and function of... | Mehta, Geeta, Williams, Courtney M, Alvarez, Luis, Lesniewski, Martha, Kamm, Roger D, Griffith, Linda G  | Biomaterials (2010 Jun)                       | 31 / 4657-71 | PubMed<br>Citation ↗ |
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| 31 | Toxicogenetics: population-based testing of drug and chemical safety in mouse models.                   | Rusyn, Ivan, Gatti, Daniel M, Wiltshire, Timothy, Wilshire, Timothy, Kleeberger, Steven R, Threadgill, David W   | Pharmacogenomics (2010 Aug)                   | 11 / 1127-36 | PubMed<br>Citation ↗ |
| 32 | Sex-specific gene expression in the BXD mouse liver.  | Gatti, Daniel M, Zhao, Ni, Chesler, Elissa J, Bradford, Blair U, Shabalina, Andrey A, Yordanova, Roumyana, Lu, Lu, Rusyn, Ivan   | Physiol Genomics 42 / 456-68<br>(2010 Aug)    |              | PubMed<br>Citation ↗ |

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| 35 | Evaluation of an in vitro toxicogenetic mouse model for hepatotoxicity.                                 | Martinez, Stephanie M, Bradford, Blair U, Soldatow, Valerie Y, Kosyk, Oksana, Sandot, Amelia, Witek, Rafal, Kaiser, Robert, Stewart, Todd, Amaral, Kirsten, Freeman, Kimberly, Black, Chris, LeCluyse, Edward L, Ferguson, Stephen S, Rusyn, Ivan  | Toxicol Appl Pharmacol (2010 Dec 15) | 249 / 208-16 | PubMed Citation ↗ |
| 36 | Heading down the wrong pathway: on the influence of correlation within gene sets.                       | Gatti, Daniel M, Barry, William T, Nobel, Andrew B, Rusyn, Ivan, Wright, Fred A  | BMC Genomics (2010)                  | 11 / 574     | PubMed Citation ↗ |
| 37 | Rewiring of genetic networks in response to DNA damage.   | Bandyopadhyay, Sourav, Mehta, Monika, Kuo, Dwight, Sung, Min-Kyung, Chuang, Ryan, Jaehnig, Eric J, Bodenmiller, Bernd, Licon, Katherine, Copeland, Wilbert, Shales, Michael, Fiedler, Dorothea, Dutkowski, Janusz, Guenole, Aude, van Attikum, Haico, Shokat, Kevan M, Kolodner, Richard D, Huh, Won-Ki, Aebersold, Ruedi, Keogh, Michael-Christopher, Krogan, Nevan J, Ideker, Trey | Science (2010 Dec 3)                 | 330 / 1385-9 | PubMed Citation ↗ |

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